

Claims

What is claimed is:

1. Artificial turf comprising:  
a primary backing having a first side and a second side and comprising a first backing  
5 layer, a second backing layer, a third backing layer, and a fourth backing layer;  
a plurality of fibers sewn through said primary backing; and  
a secondary backing on said second side of said primary backing.
2. The artificial turf set forth in claim 1, wherein said first layer facilitates tufting,  
said second layer facilitates dimensional stability, said third layer facilitates tuft bind and  
10 said fourth layer facilitates seam strength.
3. The artificial turf set forth in claim 1, wherein said fibers form upstanding ribbons  
on said first side of said primary backing and further comprising an infill layer disposed  
between said ribbons.
4. The artificial turf set forth in claim 1, wherein said fibers form a plurality of back  
15 stitches on said second side of said primary backing and said secondary backing covers  
said back stitches and locks in said fibers.
5. The artificial turf set forth in claim 1, wherein said secondary backing is a urethane  
coating applied to said second side of said primary backing.
6. The artificial turf set forth in claim 1, wherein said fibers form a plurality of rows  
20 and columns of ribbons, the distance between each of said rows being substantially the  
same as the distance between each of said columns.
7. The artificial turf set forth in claim 6, wherein said distance between each of said  
rows is about  $\frac{3}{8}$  inches.

8. The artificial turf set forth in claim 1, wherein  
said artificial turf comprises a first panel and a second panel,  
said first panel having a first edge and said second panel having a second edge,  
said first and second edges sewn together to form a seam, and  
5 further comprising seam tape covering said seam on said second side of said primary  
backing.
9. The artificial turf set forth in claim 1, wherein said first layer comprises a  
polypropylene weave.
10. The artificial turf set forth in claim 1, wherein said second layer comprises a polyester  
10 core and a nylon skin.
11. The artificial turf set forth in claim 1, wherein said third layer comprises a  
polypropylene weave.
12. The artificial turf set forth in claim 1, wherein said fourth layer comprises a  
polypropylene tape warp and a polypropylene spun yarn fill.